

Docket No. 22-0133C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2663
[Signature]

Re Patent Application of:

Stuart T. Linsky, et al.

Serial No.: 09/599,150

Filed: June 21, 2000

For: Beam Hopping Self Addressed Packet
Switched Communication System With
Multiple Beam Array Antenna

Group Art Unit: 2663

Examiner: Derrick W. Ferris

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. Section 1.56, the Examiner is hereby respectfully advised that the patents listed on the attached form are known by or have come to the attention of the Applicant, and are being submitted herewith for consideration by the Examiner. A copy of the document is included.

The above described documents are being cited only in the interest of candor and without any admission that they constitute statutory prior art or contains subject matter which anticipates the invention or which would render the same obvious, either singly or in combination with other references, to a person of ordinary skill in the art.

12/14/2004 09:28:00 00000033 141325 09359150

01 FD:1605 160.00 DA

Respectfully submitted,

Date: December 9, 2004

By *Noel F. Heal*
Noel F. Heal
Reg. No. 26,074
Attorney of Record for Applicant

In c/o: PATENT COUNSEL
Northrop Grumman
Space Technology – Law Dept.
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In re application of: Stuart T. Linsky, et al.

Application No.: 09/599,150

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For: BEAM HOPPING SELF ADDRESSED PACKET
SWITCH COMMUNICATIONS SYSTEM WITH
MULTI-BEAM ARRAY ANTENNA

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

Date of Deposit 12/09/2004

I hereby state that the following attached papers or fees

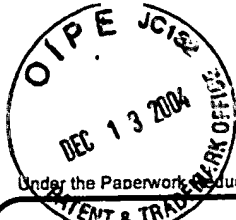
1. Fee Transmittal in duplicate;
2. Information Disclosure Statement;
3. SB/08a;
4. SB/08b; and
5. Cited Art.

are being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lorna L. Schott

A handwritten signature in black ink, appearing to read "Lorna L. Schott", written over a horizontal line.

Signature of person mailing paper or fee



PTO/SB/17 (11-04)

Approved for use through 07/31/2006 OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 10/01/2004. Patent fees are subject to annual revision.

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00****Complete if Known**

Application Number	09/599,150
Filing Date	June 21, 2000
First Named Inventor	Stuart T. Linsky
Examiner Name	Derrick W. Ferris
Art Unit	2663
Attorney Docket No.	22-0133C

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ NoneDeposit
Account
Number

Deposit
Account
Name

14-1325

Northrop Grumman Corporation

The Director is hereby authorized to: (check all that apply)

- ☒ Charge fee(s) indicated below
- ☒ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- ☐ Credit any overpayments

to the above-identified deposit account.

☐ Other (please identify):**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING FEE**

<u>Fee Description</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee Paid(\$)</u>
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	
Subtotal (1) \$			

FEE CALCULATION (continued)

<u>2. EXTRA CLAIM FEES</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>
<u>Fee Description</u>		
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44
Total Claims	Extra Claims	Fee (\$)
_____ - 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20		
Indep. Claims	Extra Claims	Fee (\$)
_____ - 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3		
Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

Subtotal (2) \$		0.00

3. OTHER FEES

<u>Fee Description</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee Paid(\$)</u>
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure stmt. fee	180	180	180.00
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	
Other: _____			
Subtotal (3) \$			180.00

SUBMITTED BY

Signature

Registration No.
(Attorney/Agent)

26,074

Telephone

310-812-4910

Name (Print/Type)

Noel F. Heal

Date

December 9, 2004

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number	09/599,150
Filing Date	06/21/2000
First Named Inventor	Stuart T. Linsky
Art Unit	2663
Examiner Name	Derrick W. Ferris
Attorney Docket Number	22-0133 C

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0889605	01/07/1999	Jamal Sarraf		
		EP 0987837	03/22/2000	Eric Wiswell		

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO

(Use as many sheets as necessary)

Complete if Known

<i>Application Number</i>	09/599,150
<i>Filing Date</i>	06/21/2000
<i>First Named Inventor</i>	Stuart T. Linsky
<i>Art Unit</i>	2663
<i>Examiner Name</i>	Derrick W. Ferris
<i>Attorney Docket Number</i>	22-0133 C

Sheet	1	of	1
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NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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